An

Inaugural Difsertation

"Cholera Infantum"

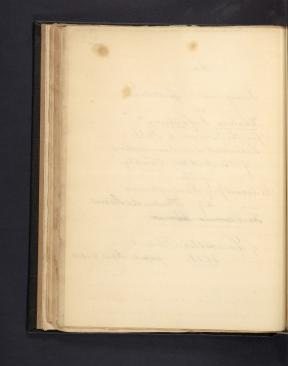
You the Degree of M.D. Submitted to the Examination

of the Medical Faculty of the

University of Bennsylvania lay Frederick Strein

der dance de tomo.

of Lancaster, Genne April 2.1010



The diseases of Chicaren form one of the most important class of maladies - They are not only numerang, but generally althoughther distinct in their nature and appearance from those dis-- eases which affect persons of matures ago .-They are moreover imquestionably more perplaying to the practitioner than the dis-- ease of adulty - I have selected one of the complaints incident to infancy, for the subject of my Inaugural Diferentation -- The "Cholera Infantism" a disease which is rapid in its progress, and of extreme fatal tendency! - As it cannot be presumed that a person of my age - are who is just enter ing upon the aronous duting of the medical Brofepion, has much, or inseed any thing new to communicate of a practical nature. It will I hope not be expected that I should give much more then what I find in books on this subject I what I have learned from the valuable Leatury of Brofessor Chapman. -

## "Cholera Infantun".

The Risease inhibe has received the name of Chelora Britantum' is characterised by the following symptoms - capians discharges hath upwards and downmards, withpam, gripings, and spainy - The lete De Rush has given us so full and perfect a description of this Risease that it were needly to attempt one myself I shall therefore que the Detors account of the appearances of this discount in his arow words-

"It affects chieven from the first or second week after their birth, till they are two years old - It sometimes begins with a Disorrhoca which continues for sweral days without any other symptom of dis- position but it more frequently corner on with a violent variety and purging and a high fever- The matter discharged,

from the stomach is generally yellow or green, but the stools are sometimes sliving and blooky, without any tweture of hill - In some instan-- ces they are nearly as limped as water -Worms are frequently discharged in each kind of the stools that have been described -.. The chiedren in this stage of the sisease appear to suffer a good deal of hair - They draw up their feet, and one never easy in one posture- The pulse is quick and weak, the head is uniqually warm, while the extremities retain their natural heat, or incline to be cold - The fever is of the remitting kind, and discovers violent exacerbations especially in the evenings-The disease affects the head so much, as in some instances to produce symp--torus not only of delinium, but of mania insomuch that the children throw their heads backwards and forwards, and sometimes make attempts to seratch,

and to like their panents - nurses, and even thermselves - A swelling frequently occurs in the abborner, and in the fact and limbs - Her in--tense thirst attented every stage of the disease-The eyes appear languid and hollow, and the children generally sleep with them half doded - Juch is the insensibility of the ayotene in some instances of this disease, that flies have been seen to alight upon the eyes when open without existing a motion in the eyelids to remove them - Tometimes the warriting caretineus without the purging, but more generally continues without the varniting throughout the whole course of the disease - The stools are extremely facted, but in some instances they are without smell, and resemble oninks, and aliments which have been taken into the hoby - The disease is sometimes fatal in a few days - I aree saw it carry off

a chied in knewty four hours - Oto Ruration is varied by the season of the year, and by the changes in the temperature of the weather. of cool day prequently about its violence, and dispose it to a favourable termination-It often continues with recasional varia-- trong for six weeks or two months -Where the disease has been of long continnames, the approach of death is gradual, and attended by a munber of distreping dypuptorus - In emacration of the body, to such a digner, as that the hours come through the skin, livid spots, a singultary, convulsions, a strongly masked hippoera-- tie countenance; and a some mouth, generally precede the fatal termination of this livease. Few children ever recover after the last dyruptom which have been anentioned make their appearance"-The Cholera Infantum generally makes to

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appearance in the summer months, commencing on Puly and continuing untill the cold weather dets in - Of appears to be a disease permian to the United Hately, inasmuch as me do not find it described in any European work - On Cities and towns it is much more prevalent than in the country, and hence we trace its connection with those impure states of atmosphere which are always present in populars cities -The opinion which is entertained by some that it arises from inequestices in dies and especially from the use of unripe fruit would seem erroreous, when we take into consideration, the factor of its less bequest appearance in the country, where children have really acceps to all kinds of unripe print, and of its appearance only at a porticular Leason of the years - For it certainly count

be suffered that irrequestries in hier are "I and y committeed buring those months of the your in which they bisesse generally prevaily—There must be samething in the state of the atmosphere, in the summer months, which preliftered to gardine affections— It is not a more local bisease of the prime vice— the system I take it, is generally affected others plant— The disease falling upon those parts which have as grinn a probleposition, either from some thisken cause feating in—the obtainsphere or from inequeorities in siet.

The choice although formarily a gostice affection is soon extenses sympathetically to the Hepatic system.

The Bredis posing causes one - a heater and impure atmosphere - and the Exciting causes are - whatever beranges the primaries as impulsivities in such and cotting experience to cold when the bedy is primarily heater - It is aggressive when it occurs

Both rate person that seasiful all

Of the Freatment. The Insication is 1st To evacuate the alimentary canal and 2: to allays pain, and innitation and determine to the surface-As it always commences with a derangement of the alimentary canal, our first views should be sinceted towards it-As regards Emetics- they can often be dis-- persed with, as nature very often rist the stomach of its contents without the and of artificial means - But in some violent eases, it becomes necessary to use them, and in this case specacuana is generally preferred - In the country it is not after necessary to recur to Emitics -Burgatives can never be dispersed with but there is some difference as to the choice of them - The Flamach being often

a these blow is mixed with the forces, as happens occasionally the leaston purhaps would be preferable - Stand of Short ! I I being retained when all others were

extremoly irritable, those shared he selected which. are least offensive - balomel - often answers extreme -- by well from its being insipid - and can be given in a small bulk - which is of no small consequence bastor Oil: is often substituted for the balance but it is more apt to be rejected - and is not sufficiently active - (a) Di Chapman has often noede twith advantaget a solution of Epsom Valt (e) he thinksishas a tendency to alcays the irritation of the Hamach Dut where the irritation is so violent, that no medicines can be retained we should promptly endeavour to allay irritation by anodyne injections - or a suppositions of Opinion - and the vexicating applications - But if the namiting is violent with pain of the absormen - hotskin and much thirst- no remedy can be superior to one Lancer - Dr Chapman's opinion is that many lives are lost from the timid use of the Lancet - And is he not warranted in

Dieter to Complying regardings in in

represent the services inflamations of the surest to us traces of previous inflamations? the the lies-case appears in the carming of self-cent regard the lancest, it appears in a much unless form and is deleane factors.

It will be found that after T. H. it the Hemode well be found to retain Medicing, and balance should be again a childted, of it be rejected a small garactity of Girm may be asked.

The irritation being allayed in should next resort to those remedies, which restone the healthy action of the durface-

There is governey an inequal temperature. Same parts being cold to the tauch athers warm, and the child appears to be in a more intensible state. The Warm Bath here produces an equal temperature, and tends to ranse the patient. For this purpose Hennel should be worn next the skin.

If I is no bout occasioned by the impure state of the atmosphere, the bandly being in a meak state and the predisposing cause still acting is sufficient to produce biarrhow !-K. Juch as alund - Gally - Vino - te.

into Dierrhea, attended with tormino, the this is not a very common consequence in the commonly consist of detringenty /k/ and to relieve the gripings, injections of method haller, free from call and rancidity are weful or what is hetter analyse injections— For supporting Dierrhow the outseens fully, and a variety of others are in use - Where such artringency is meelessy. De Chapman has uniformly preferred a strong infusion of the Deer-Berry mout - DTS lypick in such easy usy an infusion of Henry house

that I have principally seen used is the Hypericann perf It is a may powerful noting ent - It is made into a tinetane by taking a few handfuls of the flowers, and infusing them in one quart of diluted alkahal- export to the sem for six or eight boys - a compounful may be given at

a lase - and repeated energy two or three hours. according to circumstances - I have selbom som it fail in checking Diarrhead. The Geranium smaculation is also avery useful astringent, and which wild by country practitionery - Where the sisease occurs in sities the remery to be depended on, and for which no other can be substituted, is a nemoval to the countryle . It is certain that the impure airiof a city is a powerful abstace to the nemoval, and a power - ful anxiliary in aggravating this sisease -Is is shiring from the fact that when it appears in the country it is easily removed -It is at this stage of the siscesse, that a Flannel Moller should not be nighted - This remely was first introduced type Chapman - Of should be applied nound the absorver, and of a moderate tightness - it imparts tone to the alimentary canal and kups up an equilibrium of tempera--tune . -

## Throphylactic Freatmens

After the lisease is nemoued, we should quand against a relapse - 1th By a proper Diet- The chied should subsist principally. on farmacians articles, and where milk cuters as a principal ingresient-I have known an Infant to subsist exclusively whow Mick and Barey water two weeks, having been previously much bebilitated from refusing the Mothers breach, and from biarrhead mixed with blood-22 Excels in eating and drinking should be carefully avoided. -3. Hannel should be worn next the Skind .-He l'arrlines should be observed, asitting

much to the comfort of the patient -

tops weeks liquing him hundaning much

Thus Gentlemen I have given a shoot account of the Lymptony-Choracter and Gune of Cholera Orfatturer" "That it is an imperfect one I am very sensite of Aloping however that it may be Eccent sufficient for the task imposed on me in accioing the honors of the University, I respectfully Submit it, with all the imperfections on its head," to the ordeal that amont of

